

FIG. 1A

OCIF ACTIVITY

DILUTION	FRACTIONS			
	<u>1-10</u>	<u>11-20</u>	<u>21-30</u>	<u>31-40</u>
1/100	-	++	++	-
1/500	-	++	++	-

FIG. 1B

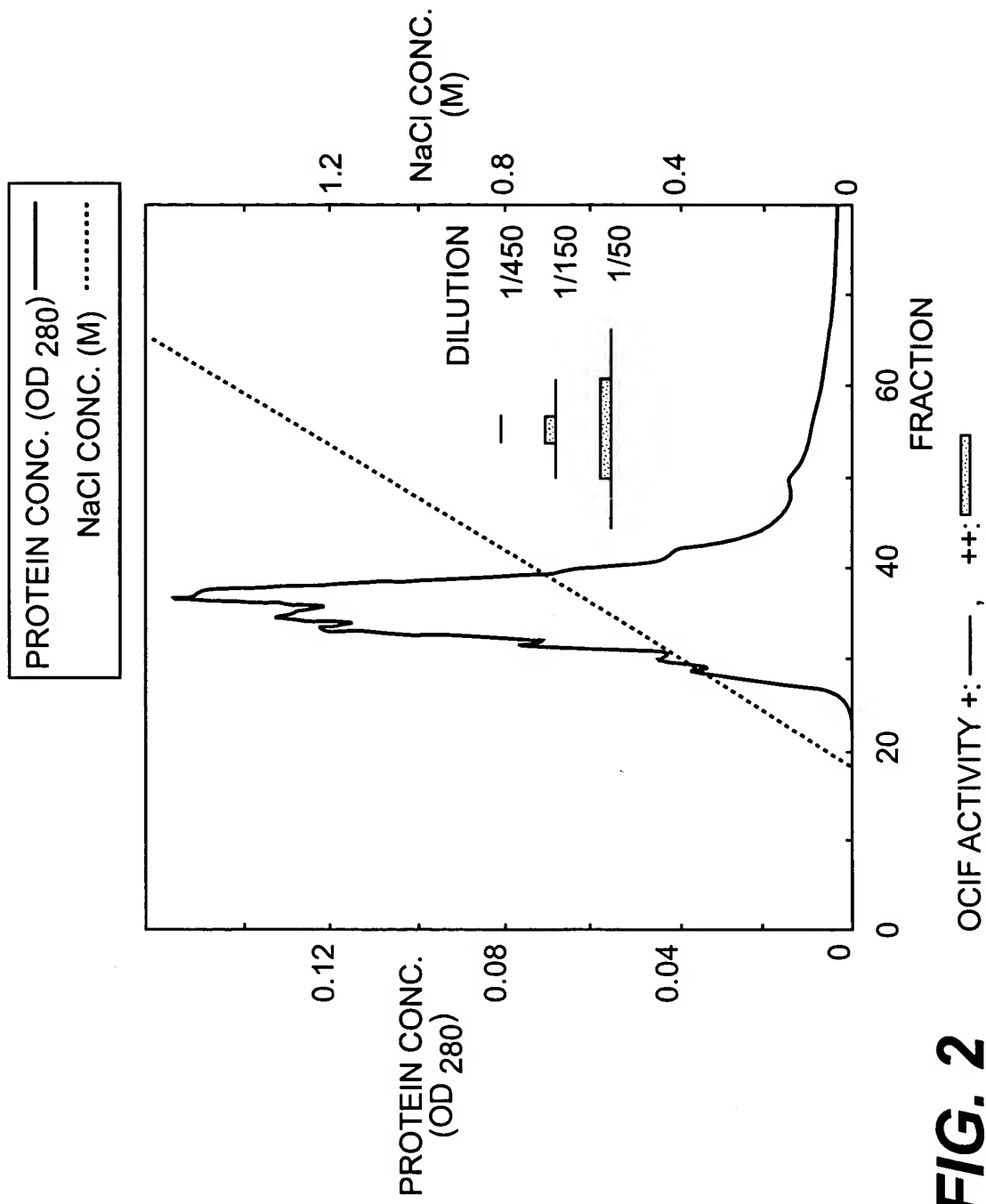


FIG. 2

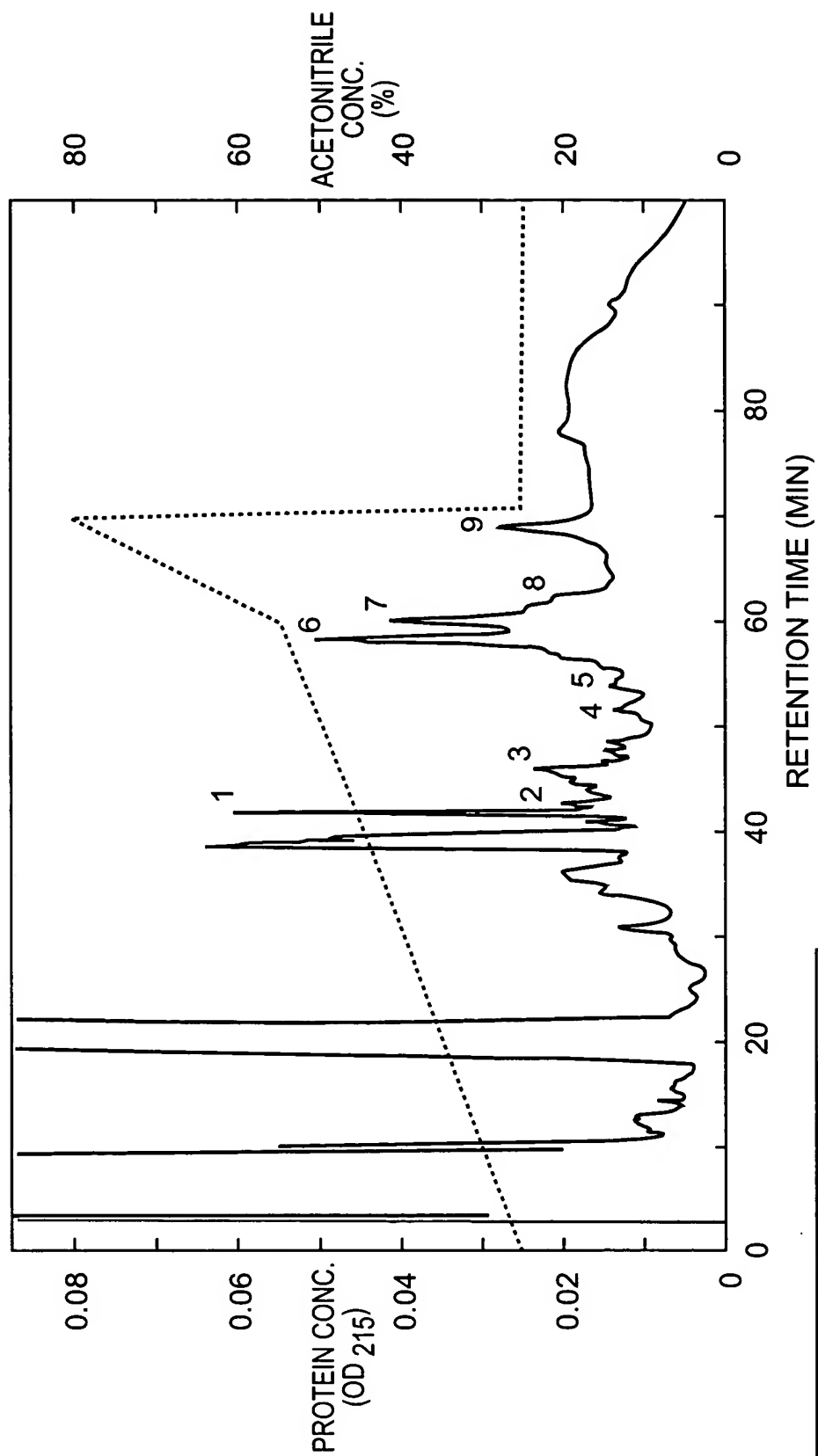


FIG. 3

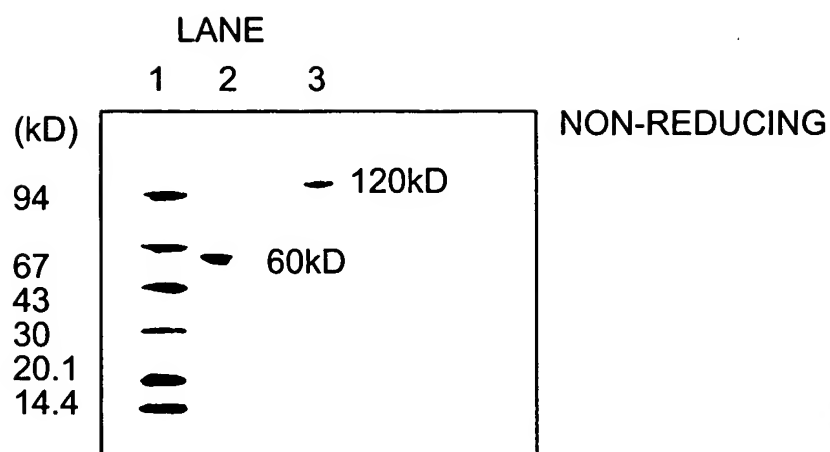


FIG. 4A

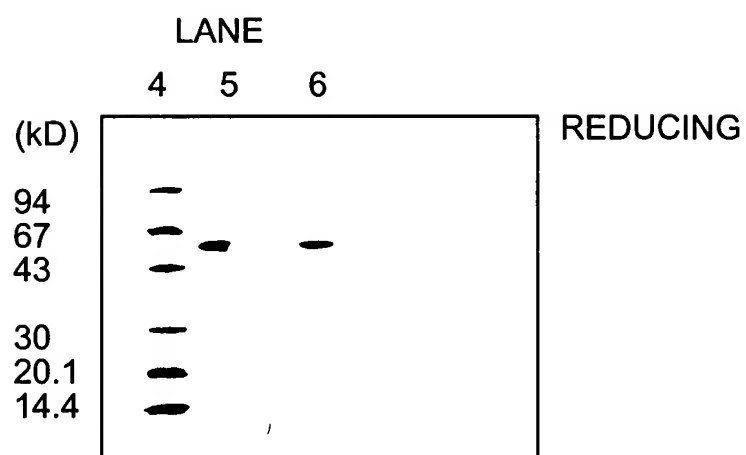


FIG. 4B

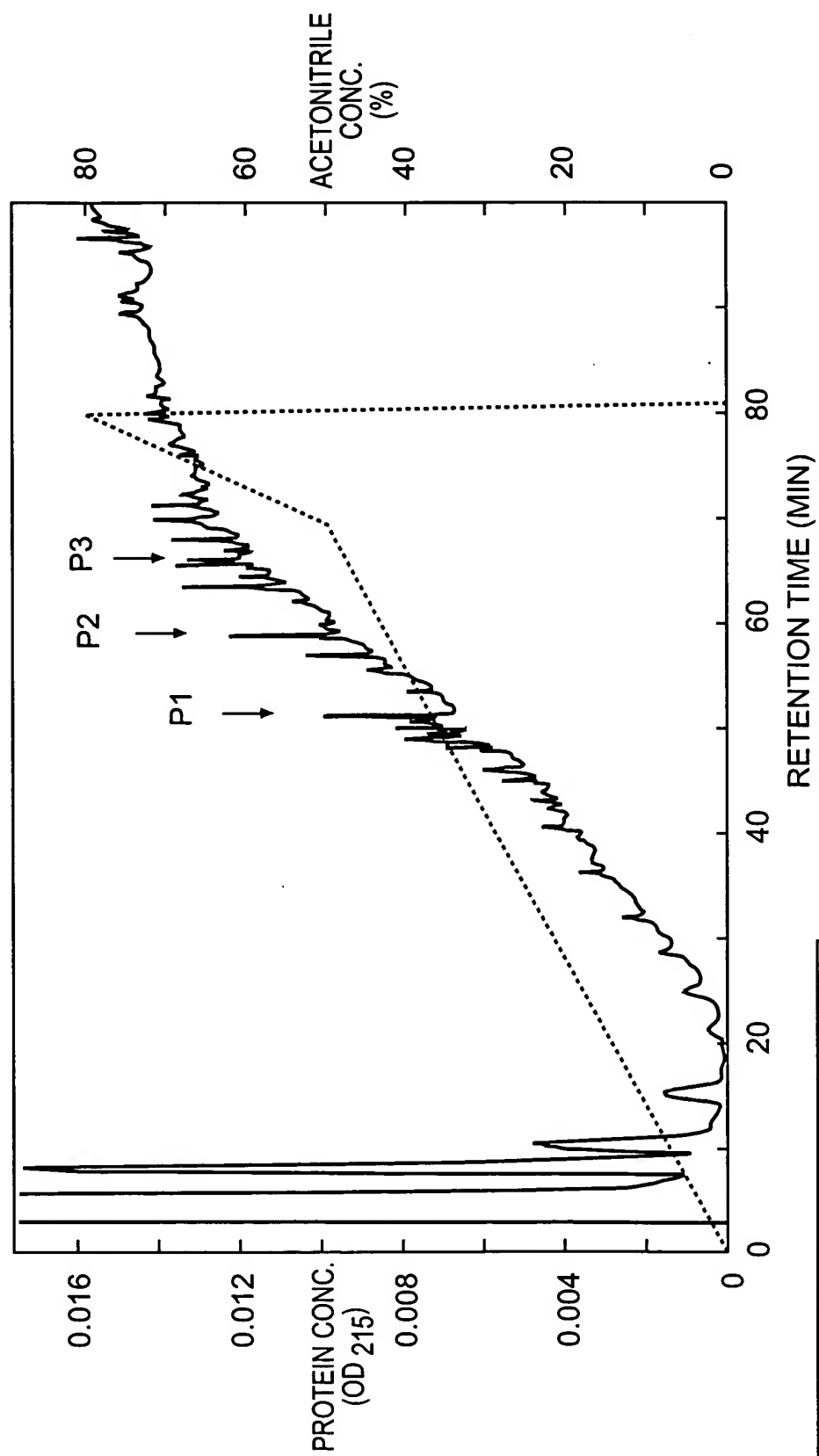


FIG. 5

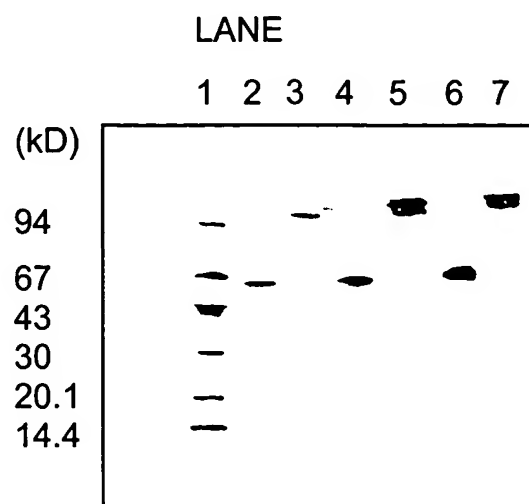


FIG. 6

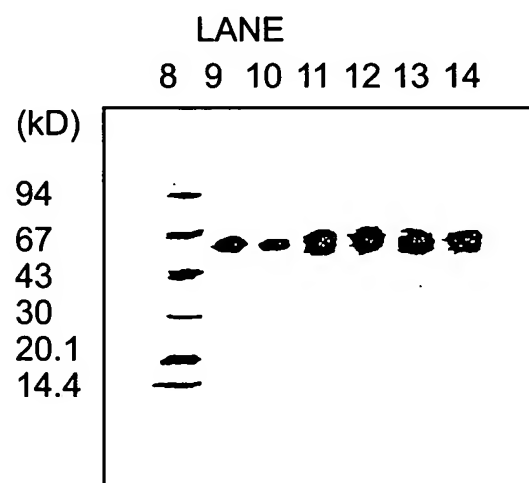


FIG. 7

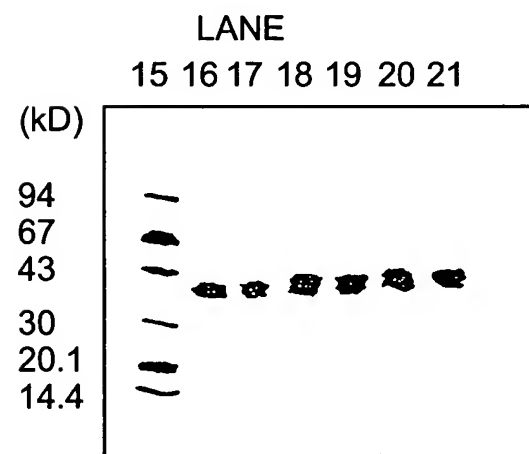


FIG. 8

1
MNNLLCCALVFLDI SI KWTTQETFPKYLHYDEETSHQLLCDKCPPGYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)

MNNLLCCALVFLDI SI KWTTQETFPKYLHYDEETSHQLLCDKCPPGYLKQHCTAKWKT (OCIF2, SEQ ID NO:9)
1

61
VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSPVCKE-----CNRTHNRVCECKEGRYLEIEFCLK (OCIF2, SEQ ID NO:9)
61

121
HRSCPPGFGVVQAGTPERNTVCKRCPDGGFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTPERNTVCKRCPDGGFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF2, SEQ ID NO:9)
114

181
HDNI CSGNSESTQKCGIDVTLC EEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

HDNI CSGNSESTQKCGIDVTLC EEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF2, SEQ ID NO:9)
174

241
KRQHSSQEQTFFQLLKLWKHQNKDQDI VKKI IQDIDL CENSQVRHIGHANLTFEQLRSLME (OCIF1, SEQ ID NO:5)

KRQHSSQEQTFFQLLKLWKHQNKDQDI VKKI IQDIDL CENSQVRHIGHANLTFEQLRSLME (OCIF2, SEQ ID NO:9)
234

301
SLPGKKVGAEDI E KTI KACKPSDQI LKLLSLWRI KNGDQDTL KGLMHALKH SKTYHFPKT (OCIF1, SEQ ID NO:5)

SLPGKKVGAEDI E KTI KACKPSDQI LKLLSLWRI KNGDQDTL KGLMHALKH SKTYHFPKT (OCIF2, SEQ ID NO:9)
294

361
VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF1, SEQ ID NO:5)

VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF2, SEQ ID NO:9)
354

FIG. 9

1
 MNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
 ** *****
 MNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF3, SEQ ID NO:11)
 1

61
 VCAPCPDHYTDSWHTSDECLYCSPVKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

 VCAPCPDHYTDSWHTSDECLYCSPVKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF3, SEQ ID NO:11)
 61

121
 HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

 HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF3, SEQ ID NO:11)
 121

181
 HDNI CSGNSESTQKCGIDVTLC EEAFRF AVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

 HDNI CSGNSESTQKCGIDVTLC EEAFRF AVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF3, SEQ ID NO:11)
 181

241
 KRQHSSQEQT FQLKLWKHQNKDQDI VKKII QDIDL CENS VQRHI GHANLT FEQLRSLME (OCIF1, SEQ ID NO:5)

 KRQHSSQEQT FQLKLWKHQNKDQDI VKKII QDIDL CENS VQRHI GHANLS----- (OCIF3, SEQ ID NO:11)
 241

301
 SLPGKKVGAEDI E KTI KACKPSDQILKL SLWRI KNGDQDTL KGLMHALKH SKTYHFPKT (OCIF1, SEQ ID NO:5)

 -----LWRI KNGDQDTL KGLMHALKH SKTYHFPKT (OCIF3, SEQ ID NO:11)
 292

361
 VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF1, SEQ ID NO:5)

 VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF3, SEQ ID NO:11)
 322

FIG. 10

1
 MNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCKCPPGTYLKQHCTAKWKT (OCIF1,SEQ ID NO:5)
 ** ****
 MNLLCCSLVFLDI SI KWTQTETFPKYLHYDEETSHQLLCKCPPGTYLKQHCTAKWKT (OCIF4,SEQ ID NO:13)
 1

61
 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1,SEQ ID NO:5)

 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF4,SEQ ID NO:13)
 61

121
 HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1,SEQ ID NO:5)

 HRSCPPGFGVVQAGTCQCAAKLIRIMQSQIVTV (OCIF4,SEQ ID NO:13)
 121

FIG. 11

1
 MNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCKCPPGTYLKQHCTAKWKT (OCIF1,SEQ ID NO:5)
 ** ****
 MNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCKCPPGTYLKQHCTAKWKT (OCIF5,SEQ ID NO:15)
 1

61
 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1,SEQ ID NO:5)

 VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF5,SEQ ID NO:15)
 61

121
 HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1,SEQ ID NO:5)
 ***** *
 HRSCPPGFGVVQAGCRRRPKPQICI (OCIF5,SEQ ID NO:15)
 121

FIG. 12

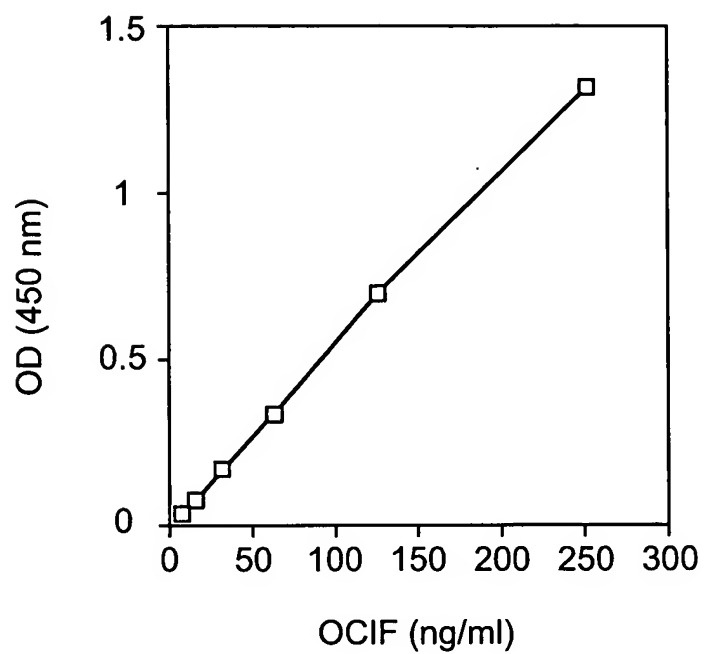


FIG. 13

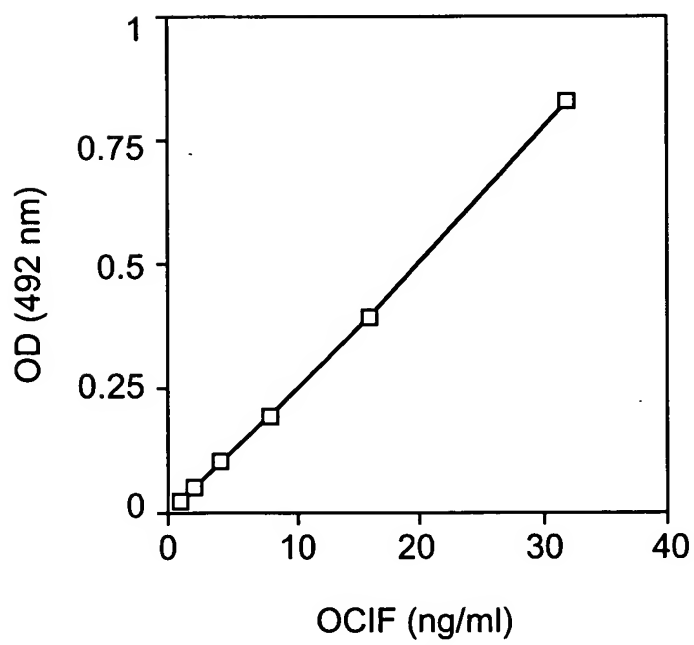
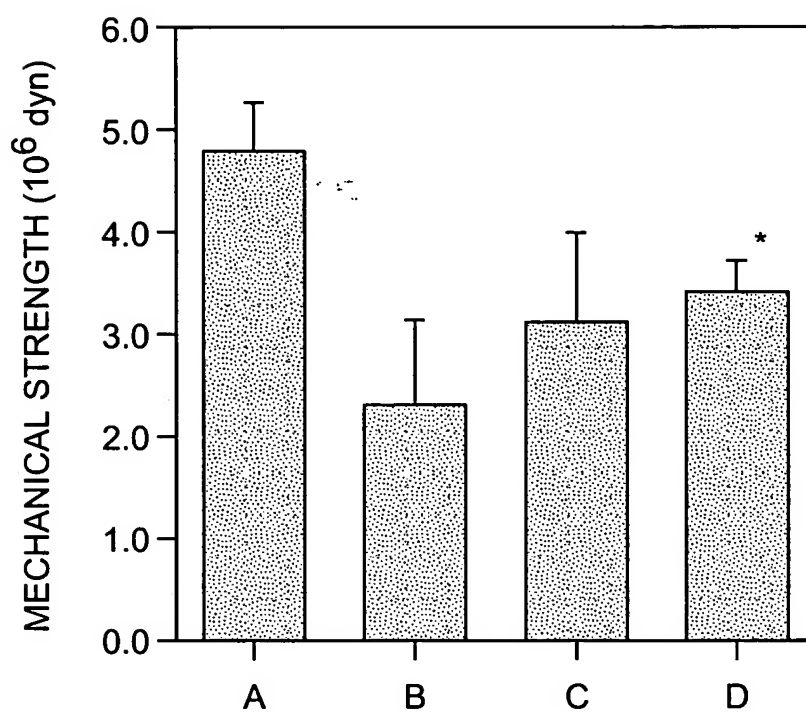


FIG. 14



A: NORMAL RAT

B: DENERVED RAT + VEHICLE

C: DENERVED RAT + OCIF 10 µg/kg/day

D: DENERVED RAT + OCIF 100 µg/kg/day

FIG. 15